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FILE LAST UPDATED: 20 Oct 1999 (19991020/ED)

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=> s immunoadhesin
L1 76 IMMUNOADHESIN

=> s nrg and l1
99 NRG
L2 0 NRG AND L1

=> s egf and l1
15955 EGF
L3 0 EGF AND L1

=> display
ENTER (L3), L# OR ?:l1
ENTER ANSWER NUMBER OR RANGE (1):1-76
ENTER DISPLAY FORMAT (BIB):bib

L1 ANSWER 1 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1999:477339 CAPLUS
TI An **immunoadhesin** incorporating the molecule OX-2 is a potent immunosuppressant that prolongs allo- and xenograft survival
AU Gorczynski, Reginald M.; Cattral, Mark S.; Chen, Zhigi; Hu, Jiang; Lei, Ji; Min, Wei-Ping; Yu, Gary; Ni, Jin
CS Transplant Research Division, The Toronto Hospital, Toronto, ON, M5G2C4, Can.
SO J. Immunol. (1999), 163(3), 1654-1660
CODEN: JOIMA3; ISSN: 0022-1767
PB American Association of Immunologists
DT Journal
LA English

L1 ANSWER 2 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1999:376636 CAPLUS
 DN 131:153988
 TI Effects of BDNF and NT-3 on development of Ia/motoneuron functional connectivity in neonatal rats
 AU Seebach, Bradley S.; Arvanov, Viktor; Mendell, Lorne M.
 CS Department of Neurobiology and Behaviour, State University of New York at Stony Brook, Stony Brook, NY, 11794-5230, USA
 SO J. Neurophysiol. (1999), 81(5), 2398-2405
 CODEN: JONEA4; ISSN: 0022-3077
 PB American Physiological Society
 DT Journal
 LA English

L1 ANSWER 3 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:363248 CAPLUS
 DN 131:128727
 TI Purification and quantitation of tumor necrosis factor receptor **immunoadhesin** using a combination of immunoaffinity and reversed-phase chromatography
 AU Battersby, John E.; Vanderlaan, Martin; Jones, Andrew J. S.
 CS Genentech, Inc., South San Francisco, CA, 94080, USA
 SO J. Chromatogr., B: Biomed. Sci. Appl. (1999), 728(1), 21-33
 CODEN: JCBEBP; ISSN: 0378-4347
 PB Elsevier Science B.V.
 DT Journal
 LA English

L1 ANSWER 4 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:354301 CAPLUS
 DN 131:4242
 TI Interferon-.beta. fusion protein with immunoglobulin Fc fragment
 IN Chang, Tse Wen; Yu, Liming
 PA Tanox, Inc., USA
 SO U.S., 7 pp., Cont.-in-part of U.S. 5,723,125.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5908626	A	19990601	US 1997-994719	19971219
	US 5723125	A	19980303	US 1996-719331	19960925
PRAI	US 1995-579211		19951228		
	US 1996-719331		19960925		

L1 ANSWER 5 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:311111 CAPLUS
 DN 130:336963
 TI Methods and compositions comprising glycoprotein glycoforms
 IN Raju, T. Shantha
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 52 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9922764	A1	19990514	WO 1998-US21925	19981016
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,				

FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9910960 A1 19990524 AU 1999-10960 19981016
 PRAI US 1997-962497 19971031
 WO 1998-US21925 19981016

L1 ANSWER 6 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:292416 CAPLUS
 DN 131:86836
 TI Memory B lymphocytes from secondary lymphoid organs interact with
 E-selectin through a novel glycoprotein ligand
 AU Montoya, Maria C.; Holtmann, Karin; Snapp, Karen R.; Borges, Eric;
 Sanchez-Madrid, Francisco; Lusinskas, Francis W.; Kansas, Geoffrey;
 Vestweber, Dietmar; De Landazuri, Manuel O.
 CS Servicio de Inmunologia, Hospital de la Princesa, Universidad Autonoma de
 Madrid, Madrid, 28006, Spain
 SO J. Clin. Invest. (1999), 103(9), 1317-1327
 CODEN: JCINAO; ISSN: 0021-9738
 PB American Society for Clinical Investigation
 DT Journal
 LA English

L1 ANSWER 7 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:276649 CAPLUS
 DN 131:100916
 TI Optimizing production and recovery of immunoadhesins
 AU Wurm, Florian W.; Ashkenazi, Avi; Chamow, Steven M.
 CS Swiss Federal Institute of Technology, Lausanne, Switz.
 SO Antibody Fusion Proteins (1999), 281-308. Editor(s): Chamow, Steven M.;
 Ashkenazi, Avi. Publisher: Wiley-Liss, New York, N. Y.
 CODEN: 67OVAK
 DT Conference; General Review
 LA English

L1 ANSWER 8 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:147318 CAPLUS
 DN 130:205926
 TI Nucleic acids for human trk receptors and immunoadhesins and cells
 expressing them
 IN Presta, Leonard G.; Shelton, David L.; Urfer, Roman
 PA Genentech, Inc., USA
 SO U.S., 80 pp., Cont.-in-part of U.S. Ser. No. 215,139, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5877016	A	19990302	US 1994-286846	19940805
	US 5844092	A	19981201	US 1994-359705	19941220
	WO 9525795	A1	19950928	WO 1995-US3426	19950317
	W: AU, CA, JP, MX, NZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2184059	AA	19950928	CA 1995-2184059	19950317
	AU 9532456	A1	19951009	AU 1995-32456	19950317
	AU 707613	B2	19990715		
	EP 750666	A1	19970102	EP 1995-928850	19950317
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 09510612	T2	19971028	JP 1995-524743	19950317
	US 5910574	A	19990608	US 1995-457880	19950531
PRAI	US 1994-215139		19940318		
	US 1994-286846		19940805		
	US 1994-359705		19941220		
	WO 1995-US3426		19950317		

L1 ANSWER 9 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:113040 CAPLUS
 DN 130:350958
 TI Immunoadhesins of interleukin-6 and the IL-6/soluble IL-6R fusion protein hyper-IL-6
 AU Jostock, Thomas; Blinn, Guido; Renne, Christoph; Kallen, Karl-Josef; Rose-John, Stefan; Mullberg, Jurgen
 CS Pathophysiology Section, Medical Clinic, Johannes Gutenberg-Universitat Mainz, D-55101, Germany
 SO J. Immunol. Methods (1999), 223(2), 171-183
 CODEN: JIMMBG; ISSN: 0022-1759
 PB Elsevier Science B.V.
 DT Journal
 LA English

L1 ANSWER 10 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:103212 CAPLUS
 DN 130:308669
 TI Incorporation of 15N from ammonium into the N-linked oligosaccharides of an immunoadhesin glycoprotein expressed in Chinese hamster ovary cells
 AU Gawlitzek, Martin; Papac, Damon I.; Sliwowski, Mary B.; Ryll, Thomas
 CS Process Sciences, Genentech, Inc., South San Francisco, CA, 94080-4990, USA
 SO Glycobiology (1999), 9(2), 125-131
 CODEN: GLYCE3; ISSN: 0959-6658
 PB Oxford University Press
 DT Journal
 LA English

L1 ANSWER 11 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:41856 CAPLUS
 DN 130:221928
 TI Animal pharmacokinetics of the tumor necrosis factor receptor-immunoglobulin fusion protein Lenercept and their extrapolation to humans
 AU Richter, Wolfgang F.; Gallati, Harald; Schiller, Claus-Dieter
 CS Pharma Division, Preclinical Research, F. Hoffmann-La Roche Ltd., Basel, CH-4070, Switz.
 SO Drug Metab. Dispos. (1999), 27(1), 21-25
 CODEN: DMDSAI; ISSN: 0090-9556
 PB American Society for Pharmacology and Experimental Therapeutics
 DT Journal
 LA English

L1 ANSWER 12 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:27861 CAPLUS
 DN 130:80354
 TI Methods and compositions for galactosylated glycoproteins
 IN Raju, Shantha T.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9858964	A1	19981230	WO 1998-US13066	19980623
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,			

FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, T, BJ, CF, CG, CI,
 CM, GA, GN, IL, MR, NE, SN, TD, TG
 AU 9881634 A1 19990104 AU 1998-81634 19980623
 PRAI US 1997-881301 19970624
 WO 1998-US13066 19980623

L1 ANSWER 13 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:785705 CAPLUS
 DN 130:51343
 TI Human trk receptors and neurotrophic factor inhibitors
 IN Presta, Leonard G.; Shelton, David L.; Urfer, Roman
 PA Genentech Inc., USA
 SO U.S., 81 pp., Cont.-in-part of U.S. Ser. No. 286,846.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5844092	A	19981201	US 1994-359705	19941220
	US 5877016	A	19990302	US 1994-286846	19940805
	WO 9525795	A1	19950928	WO 1995-US3426	19950317
	W: AU, CA, JP, MX, NZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2184059	AA	19950928	CA 1995-2184059	19950317
	AU 9532456	A1	19951009	AU 1995-32456	19950317
	AU 707613	B2	19990715		
	EP 750666	A1	19970102	EP 1995-928850	19950317
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 09510612	T2	19971028	JP 1995-524743	19950317
PRAI	US 1994-215139		19940318		
	US 1994-286846		19940805		
	US 1994-359705		19941220		
	WO 1995-US3426		19950317		

L1 ANSWER 14 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:745097 CAPLUS
 DN 130:3075
 TI A method for making multispecific antibodies having heteromultimeric and common components
 IN Arathoon, Robert; Carter, Paul J.; Merchant, Anne M.; Presta, Leonard G.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9850431	A2	19981112	WO 1998-US8762	19980430
	WO 9850431	A3	19990114		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9872709	A1	19981127	AU 1998-72709	19980430
PRAI	US 1997-850058		19970502		
	US 1997-50661		19970624		
	WO 1998-US8762		19980430		

L1 ANSWER 15 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:670893 CAPLUS
 DN 130:220065
 TI Protein targeting in the analysis of learning and memory: a potential
 alternative to gene targeting
 AU Gerlai, R.; Williams, Simon P.; Cairns, Belinda; Bruggen, Nicholas Van;
 Moran, Paul; Shih, A.; Caras, Ingrid; Sauer, Hans; Phillips, Heidi S.;
 Winslow, John W.
 CS Neuroscience Department, Genentech, Inc., 1 DNA Way, South San Francisco,
 CA, 94080-4990, USA
 SO Exp. Brain Res. (1998), 123(1-2), 24-35
 CODEN: EXBRAP; ISSN: 0014-4819
 PB Springer-Verlag
 DT Journal
 LA English

L1 ANSWER 16 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:621320 CAPLUS
 DN 129:244126
 TI Immunoadhesins and methods of production and use for treating
 inflammatory
 conditions
 IN Csaky, Karl G.; Anglade, Eddy; Sullivan, Daniel M.; Larochele, William
 PA United States Dept. of Health and Human Services, USA
 SO PCT Int. Appl., 82 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9840498	A2	19980917	WO 1998-US4634	19980310
	WO 9840498	A3	19990114		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,			
		DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,			
		KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,			
		NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,			
		UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,			
		FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,			
		GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9866953	A1	19980929	AU 1998-66953	19980310
PRAI	US 1997-814567		19970310		
	WO 1998-US4634		19980310		

L1 ANSWER 17 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:524722 CAPLUS
 TI Validation studies to support the lenercept recovery process.
 AU Winkler, Marjorie E.; Field, Matthew; Shahrokh, Zahra
 CS Martin Vanderlaan Genentech, Inc, San Francisco, CA, 94080, USA
 SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27
 (1998), BIOT-063 Publisher: American Chemical Society, Washington, D. C.
 CODEN: 66KYA2
 DT Conference; Meeting Abstract
 LA English

L1 ANSWER 18 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:388545 CAPLUS
 DN 129:53361
 TI Affinity purification of polypeptide on protein a matrix
 IN Blank, Greg S.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 22 pp.
 CODEN: PIXXD2
 DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9823645	A1	19980604	WO 1997-US19994	19971029
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9852436	A1	19980622	AU 1998-52436	19971029
	EP 950067	A1	19991020	EP 1997-947326	19971029
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI			
PRAI	US 1996-31500		19961127		
	WO 1997-US19994		19971029		

L1 ANSWER 19 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1998:263882 CAPLUS

DN 129:15215

TI A p55 TNF receptor **immunoadhesin** prevents T cell-mediated intestinal injury by inhibiting matrix metalloproteinase production

AU Pender, Sylvia L. F.; Fell, John M. E.; Chamow, Steven M.; Ashkenazi, Avi;

CS MacDonald, Thomas T.
Department of Paediatric Gastroenterology, St. Bartholomew's and the Royal

London School of Medicine and Dentistry, London, UK

SO J. Immunol. (1998), 160(8), 4098-4103
CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

L1 ANSWER 20 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1998:263875 CAPLUS

DN 129:15262

TI Disparate roles for TNF-.alpha. and Fas ligand in concanavalin A-induced hepatitis

AU Ksontini, Riadh; Colagiovanni, Dorothy B.; Josephs, Michael D.; Edwards, Carl K.; Tannahill, Cynthia L.; Solorzano, Carmen C.; Norman, James; Denham, Woody; Clare-Salzler, Michael; MacKay, Sally L. D.; Moldawer,

Lyle

L.
CS Department of Surgery, College of Medicine, Univ. of Florida, Gainesville, FL, 32610, USA

SO J. Immunol. (1998), 160(8), 4082-4089
CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

L1 ANSWER 21 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1998:226484 CAPLUS

DN 128:320304

TI Soluble FasR ligand-binding domain: high-yield production of active fusion

and non-fusion recombinant proteins using the baculovirus/insect cell system

AU Mahiou, Jerome; Abastado, Jean-Pierre; Cabanie, Lucien; Godeau, Francois
CS INSERM U 373, Faculte de Medecine Necker, Paris, 75730, Fr.

SO Biochem. J. (1998) 30(2), 1051-1058
CODEN: BIJOAK; ISSN: 00264-6021
PB Portland Press Ltd.
DT Journal
LA English

L1 ANSWER 22 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1998:71221 CAPLUS
DN 128:136859
TI Soluble ErbB receptor extracellular domain fusion proteins their uses in
antagonization of growth factors
IN Fitzpatrick, Vincent Danial; Sliwowski, Mark; Vandlen, Richard L.
PA Genentech, Inc., USA
SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9802540	A1	19980122	WO 1997-US11825	19970708
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2258721	AA	19980122	CA 1997-2258721	19970708
	AU 9735962	A1	19980209	AU 1997-35962	19970708
	EP 912734	A1	19990506	EP 1997-932526	19970708
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	US 1996-21640		19960712		
	US 1997-798326		19970210		
	WO 1997-US11825		19970708		

L1 ANSWER 23 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:776257 CAPLUS
DN 128:47303
TI Chimeric forms of vascular endothelial growth factor receptor proteins as
novel inhibitors of vascular endothelial growth factor activity
IN Davis-Smyth, Terri Lynn; Chen, Helen Hsifei; Presta, Leonard; Ferrara,
Napoleone
PA Genentech, Inc., USA; Davis-Smyth, Terri Lynn; Chen, Helen Hsifei;
Presta,
Leonard; Ferrara, Napoleone
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9744453	A1	19971127	WO 1997-US7694	19970506
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9730604	A1	19971209	AU 1997-30604	19970506

EP 907733 19990414 EP 1997-925475 19970506
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, MC, PT,
IE, FI
US 5952199 A 19990914 US 1997-874678 19970613
PRAI US 1996-643839 19960507
WO 1997-US7694 19970506

L1 ANSWER 24 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:713250 CAPLUS
DN 128:21611
TI Interaction of human IgE with soluble forms of IgE high affinity
receptors
AU Liu, Jun; Ruppel, Jane; Shire, Steven J.
CS Department of Pharmaceutical Research and Development, Genentech, Inc.,
South San Francisco, CA, 94080, USA
SO Pharm. Res. (1997), 14(10), 1388-1393
CODEN: PHREEB; ISSN: 0724-8741
PB Plenum
DT Journal
LA English

L1 ANSWER 25 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:673020 CAPLUS
DN 128:11947
TI Identification of a cellular receptor for subgroup E avian leukosis virus
AU Adkins, Heather B.; Brojatsch, Jurgen; Naughton, John; Rolls, Melissa M.;
Pesola, Jean M.; Young, John A. T.
CS Department Microbiology Molecular Genetics, Harvard Medical School,
Boston, MA, 02115, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1997), 94(21), 11617-11622
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English

L1 ANSWER 26 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:494120 CAPLUS
DN 127:219104
TI Stable heterodimers from remodeling the domain interface of a homodimer
using a phage display library
AU Atwell, Shane; Ridgway, John B. B.; Wells, James A.; Carter, Paul
CS Department of Protein Engineering, Genentech Inc., South San Francisco,
CA, 94080, USA
SO J. Mol. Biol. (1997), 270(1), 26-35
CODEN: JMOBAK; ISSN: 0022-2836
PB Academic
DT Journal
LA English

L1 ANSWER 27 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:492020 CAPLUS
DN 127:171780
TI Direct demonstration of MuSK involvement in acetylcholine receptor
clustering through identification of agonist ScFv
AU Xie, Ming-Hong; Yuan, Jean; Adams, Camellia; Gurney, Austin
CS Department Molecular Biology, Genentech, Inc., San Francisco, CA, 94080,
USA
SO Nat. Biotechnol. (1997), 15(8), 768-771
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America
DT Journal
LA English

L1 ANSWER 28 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:291754 CAPLUS

DN 127:13730
 TI Cloning and characterization of a human leptin receptor using a biologically active leptin **immunoadhesin**
 AU Luoh, S-M.; De Marco, F.; Levin, N.; Armanini, M.; Xie, M-H.; Nelson, C.; Bennett, G. L.; Williams, M.; Spencer, S. A.; Gurney, A.; de Sauvage, F. J.
 CS Departments of Molecular Oncology, Neuroscience, Molecular Biology, Protein Chemistry and Bio Analytical Technology, Genentech Inc., South San Francisco, CA, 94080, USA
 SO J. Mol. Endocrinol. (1997), 18(1), 77-85
 CODEN: JMLEEI; ISSN: 0952-5041
 PB Journal of Endocrinology
 DT Journal
 LA English

L1 ANSWER 29 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:291002 CAPLUS
 DN 127:3808
 TI Immunoadhesins as research tools and therapeutic agents
 AU Ashkenazi, Avi; Chamow, Steven W.
 CS Departments Molecular Oncology and Recoveryy Sci., Genentech Inc., South San Francisco, CA, 94080, USA
 SO Curr. Opin. Immunol. (1997), 9(2), 195-200
 CODEN: COPIEL; ISSN: 0952-7915
 PB Current Biology
 DT Journal; General Review
 LA English

L1 ANSWER 30 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:230173 CAPLUS
 TI Control of ammonia in cell cultures for enhanced glycosylation: Genetic and process engineering strategies
 AU Stoll, T. S.; Sliwowski, M. B.; Jacobson, F.
 CS Cell Culture and Ferm. R&D, Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), BIOC-107 Publisher: American Chemical Society, Washington, D. C.
 CODEN: 64AOAA
 DT Conference; Meeting Abstract
 LA English

L1 ANSWER 31 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:228822 CAPLUS
 DN 126:291482
 TI Identification of the binding site in intercellular adhesion molecule 1 for its receptor, leukocyte function-associated antigen 1
 AU Fisher, Karen L.; Lu, Ji; Riddle, Lavon; Kim, K. Jin; Presta, Leonard G.; Bodary, Sarah C.
 CS Department of Immunology, Genentech Inc., South San Francisco, CA, 94080, USA
 SO Mol. Biol. Cell (1997), 8(3), 501-515
 CODEN: MBCEEV; ISSN: 1059-1524
 PB American Society for Cell Biology
 DT Journal
 LA English

L1 ANSWER 32 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:138257 CAPLUS
 DN 126:237166
 TI Interleukin-10 **immunoadhesin** production by a replication-defective adenovirus
 AU Anglade, Eddy; Sullivan, Daniel M.; Csaky, Karl G.
 CS Laboratory of Immunology, National Eye Institute, National Institutes of Health, Building 10, Room 10N-119, 9000 Rockville Pike, Bethesda, MD,

20892, USA
SO J. Immunol. Methods (1997), 202(1), 41-48
CODEN: JIMMBG; ISSN: 0022-1759
PB Elsevier
DT Journal
LA English

L1 ANSWER 33 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1997:93184 CAPLUS
DN 126:181749
TI A paracrine effect for neuron-derived BDNF in development of dorsal root ganglia: stimulation of Schwann cell myelin protein expression by glial cells
AU Pruginin-Bluger, Merav; Shelton, Dave L.; Kalcheim, Chaya
CS Department of Anatomy and Cell Biology, Hebrew University-Hadassah Medical School, P.O. Box 12272, Jerusalem, 91120, Israel
SO Mech. Dev. (1997), 61(1,2), 99-111
CODEN: MEDVE6; ISSN: 0925-4773
PB Elsevier
DT Journal
LA English

L1 ANSWER 34 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1996:625656 CAPLUS
DN 125:269994
TI Residue Trp-48 of Tva is critical for viral entry but not for high-affinity binding to the SU glycoprotein of subgroup A avian leukosis and sarcoma viruses
AU Zingler, Kurt; Young, John A. T.
CS Department Microbiology Immunology, University California School of Medicine, San Francisco, CA, 94143, USA
SO J. Virol. (1996), 70(11), 7510-7516
CODEN: JOVIAM; ISSN: 0022-538X
DT Journal
LA English

L1 ANSWER 35 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1996:625480 CAPLUS
DN 125:273620
TI Construction of heterodimeric antibody, *immunoadhesin*, or fusion product using substitution mutation, sequences of immunoglobulin interface regions, and uses in immunodiagnosis or gene therapy
IN Carter, Paul J.; Presta, Leonard G.; Ridgway, John B.
PA Genentech, Inc., USA
SO PCT Int. Appl., 73 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9627011	A1	19960906	WO 1996-US1598	19960205
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD			
	US 5731168	A	19980324	US 1995-399106	19950301
	US 5807706	A	19980915	US 1995-433105	19950503
	US 5821333	A	19981013	US 1995-434869	19950503

CA 2211459 A 19960906 CA 1996-2211459 19960205
 AU 9649733 19960918 AU 1996-49733 19960205
 AU 702737 B2 19990304
 EP 812357 A1 19971217 EP 1996-906311 19960205
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE

CN 1176659 A 19980318 CN 1996-192224 19960205
 BR 9607622 A 19980609 BR 1996-7622 19960205
 JP 11500915 T2 19990126 JP 1996-526260 19960205
 FI 9703543 A 19970828 FI 1997-3543 19970828
 NO 9703982 A 19971103 NO 1997-3982 19970829
 PRAI US 1995-399106 19950301
 WO 1996-US1598 19960205

L1 ANSWER 36 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1996:482707 CAPLUS
 DN 125:140122
 TI Knobs-into-holes engineering of antibody CH3 domains for heavy chain heterodimerization
 AU Ridgway, John B. B.; Presta, Leonard G.; Carter, Paul
 CS Dep. Mol. Oncol., Genentech Inc., South San Francisco, CA, 94080, USA
 SO Protein Eng. (1996), 9(7), 617-621
 CODEN: PRENE9; ISSN: 0269-2139
 DT Journal
 LA English

L1 ANSWER 37 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1996:378581 CAPLUS
 DN 125:55902
 TI Characterization of different soluble TNF receptor (TNFR80) derivatives: positive influence of the intracellular domain on receptor/ligand interaction and TNF neutralization capacity
 AU Moosmayer, Dieter; Wajant, Harald; Gerlach, Elke; Schmidt, Mathias; Brocks, Bodo; Pfizenmaier, Klaus
 CS Inst. Cell Biol. Immunol., Univ. Stuttgart, Stuttgart, Germany
 SO J. Interferon Cytokine Res. (1996), 16(6), 471-477
 CODEN: JICRFJ; ISSN: 1079-9907
 DT Journal
 LA English

L1 ANSWER 38 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1996:302525 CAPLUS
 DN 124:334830
 TI Method for selecting high-expressing host cells using dicistronic expression system containing selectable/amplifiable gene within an intron
 IN Crowley, Craig W.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9604391	A1	19960215	WO 1995-US9576	19950728
	W: AU, CA, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5561053	A	19961001	US 1994-286740	19940805
	CA 2195303	AA	19960215	CA 1995-2195303	19950728
	AU 9532045	A1	19960304	AU 1995-32045	19950728
	AU 704408	B2	19990422		
	EP 770136	A1	19970502	EP 1995-928192	19950728
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 10503376	T2	19980331	JP 1995-506644	19950728

- L1 ANSWER 39 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1996:289094 CAPLUS
DN 124:340817
TI Individually distinct Ig homology domains in PECAM-1 regulate homophilic binding and modulate receptor affinity
AU Sun, Qi-Hong; DeLisser, Horace M.; Zukowski, Mark M.; Paddock, Cathy; Albelda, Steven M.; Newman, Peter J.
CS Blood Research Institute, Blood Center Southeastern Wisconsin, Milwaukee, WI, 53233-2194, USA
SO J. Biol. Chem. (1996), 271(19), 11090-11098
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English
- L1 ANSWER 40 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1996:136770 CAPLUS
DN 124:172803
TI Immuno adhesins: principles and applications
AU Chamow, Steven M.; Ashkenazi, Avi
CS Dep. Recovery Sci., Genentech, South San Francisco, CA, 94080-4990, USA
SO Trends Biotechnol. (1996), 14(2), 52-60
CODEN: TRBIDM; ISSN: 0167-7799
DT Journal; General Review
LA English
- L1 ANSWER 41 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1996:24249 CAPLUS
DN 124:84547
TI A bivalent **immuno adhesin** of the human interferon-.gamma. receptor is an effective inhibitor of IFN-.gamma. activity
AU Moosmayer, Dieter; Gerlach, Elke; Hauff, Roland; Becker, Pascale; Brocks, Bodo; Pfizenmaier, Klaus
CS Inst. Cell Biol. Immunol., Univ. Stuttgart, Stuttgart, D-70569, Germany
SO J. Interferon Cytokine Res. (1995), 15(12), 1111-15
CODEN: JICRFJ; ISSN: 1079-9907
DT Journal
LA English
- L1 ANSWER 42 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1995:971281 CAPLUS
DN 124:53596
TI Human FcERI-IgG and humanized anti-IgE monoclonal antibody MaE11 block passive sensitization of human and rhesus monkey lung
AU Saban, Ricardo; Haak-Frendscho, Mary; Zine, Matthew; Ridgway, John; Gorman, Cornelia; Presta, Leonard G.; Bjorling, Dale; Saban, Marcia; Jardieu, Paula
CS School Veterinary Medicine, University Wisconsin, Madison, WI, 53706, USA
SO J. Allergy Clin. Immunol. (1994), 94(5), 836-43
CODEN: JACIBY; ISSN: 0091-6749
DT Journal
LA English
- L1 ANSWER 43 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1995:885170 CAPLUS
DN 123:336742
TI Immuno adhesins: an alternative to human monoclonal antibodies
AU Ashkenazi, Avi; Chamow, Steven M.
CS Department of Molecular Biology, Genentech Inc., South San Francisco, CA, 94080, USA
SO Methods (San Diego) (1995), 8(2), 104-15
CODEN: MTHDE9; ISSN: 1046-2023
DT Journal; General Review

LA English

L1 ANSWER 44 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:313906 CAPLUS
 DN 123:1194
 TI Human trks: molecular cloning, tissue distribution, and expression of extracellular domain immunoadhesins
 AU Shelton, David L.; Sutherland, Joni; Gripp, John; Camerato, Tom; Armanini, Mark P.; Phillips, Heidi S.; Carroll, Kathleen; Spencer, Susan D.; Levinson, Arthur D.
 CS Dep. Neurosci., Mol. Biol., and Cell Genet., Genentech, Inc., South San Francisco, CA, 94080, USA
 SO J. Neurosci. (1995), 15(1, Pt. 2), 477-91
 CODEN: JNRSDS; ISSN: 0270-6474
 DT Journal
 LA English

L1 ANSWER 45 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:271825 CAPLUS
 DN 122:211875
 TI Adaptation to persistent growth in the H9 cell line renders a primary isolate of human immunodeficiency virus type 1 sensitive to neutralization by vaccine sera
 AU Wrin, Terri; Loh, Tatjana P.; Vennari, Joann Charron; Schuitemaker, Hanneke; Nunberg, Jack H.
 CS Res. Virology Lab., Genentech Inc., South San Francisco, CA, 94080, USA
 SO J. Virol. (1995), 69(1), 39-48
 CODEN: JOVIAM; ISSN: 0022-538X
 DT Journal
 LA English

L1 ANSWER 46 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:262317 CAPLUS
 DN 122:29652
 TI Molecular and biological properties of an interleukin-1 receptor **immunoadhesin**
 AU Pitti, Robert M.; Marsters, Scot A.; Haak-Frendscho, Mary; Osaka, Gary C.; Mordenti, Joyce; Chamow, Steven M.; Ashkenazi, Avi
 CS Department of Molecular Biology, Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Mol. Immunol. (1994), 31(17), 1345-51
 CODEN: MOIMD5; ISSN: 0161-5890
 DT Journal
 LA English

L1 ANSWER 47 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:262316 CAPLUS
 DN 122:78538
 TI Generation of soluble interleukin-1 receptor from an **immunoadhesin** by specific cleavage
 AU Beck, Joanne T.; Marsters, Scot A.; Harris, Reed J.; Carter, Paul; Ashkenazi, Avi; Chamow, Steven M.
 CS Department of Recovery Sciences, Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Mol. Immunol. (1994), 31(17), 1335-44
 CODEN: MOIMD5; ISSN: 0161-5890
 DT Journal
 LA English

L1 ANSWER 48 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1994:698869 CAPLUS
DN 121:298869
TI Protection against rat endotoxic shock by p55 tumor necrosis factor (TNF) receptor **immunoadhesin**: Comparison with anti-TNF monoclonal antibody
AU Jin, Hongkui; Yang, Renhui; Marsters, Scot A.; Bunting, Stuart A.; Wurm, Florian M.; Chamow, Steven M.; Ashkenazi, Avi
CS Department Molecular Biology, Genentech, Inc., South San Francisco, CA, 94080, USA
SO J. Infect. Dis. (1994), 170(5), 1323-6
CODEN: JIDIAQ; ISSN: 0022-1899
DT Journal
LA English

L1 ANSWER 49 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:653553 CAPLUS
DN 121:253553
TI A humanized bispecific **immunoadhesin**-antibody that retargets CD3+ effectors to kill HIV-1-infected cells
AU Chamow, S. M.; Zhang, D. Z.; Tan, X. Y.; Mhatre, S. M.; Marsters, S. A.; Peers, D. H.; Byrn, R. A.; Ashkenazi, A.; Junghans, R. P.
CS Departments of Recovery Sciences and Molecular Biology, Genentech Inc., South San Francisco, CA, 94080, USA
SO J. Immunol. (1994), 153(9), 4268-80
CODEN: JOIMA3; ISSN: 0022-1767
DT Journal
LA English

L1 ANSWER 50 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:628232 CAPLUS
DN 121:228232
TI Location of CD4 dimerization site explains critical role of CDR3-like region in HIV-1 infection and implies a model for multisubunit complex involved in T-cell activation
AU Langedijk, Johannes P. M.; Puijk, Wouter C.; van Hoorn, Willem Paul; Meloen, Rob H.
CS Cent. Vet. Inst., Lelystad, 8200, Neth.
SO Vaccines 94: Mod. Approaches New Vaccines Incl. Prev. AIDS, [Annu. Meet.], 11th (1994), Meeting Date 1993, 253-9. Editor(s): Norrby, Erling.
Publisher: Cold Spring Harbor Lab. Press, Cold Spring Harbor, N.Y.
CODEN: 60PMAJ
DT Conference
LA English

L1 ANSWER 51 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:587011 CAPLUS
DN 121:187011
TI Liposome targeting to human immunodeficiency virus type 1-infected cells via recombinant soluble CD4 and CD4 **immunoadhesin** (CD4-IgG)
AU Flasher, Diana; Konopka, Krystyna; Chamow, Steven M.; Dazin, Paul; Ashkenazi, Avi; Pretzer, Elizabeth; Duezguenes, Nejat
CS Department of Microbiology, School of Dentistry, University of the Pacific, 2155 Webster Street, San Francisco, CA, 94115-2399, USA
SO Biochim. Biophys. Acta (1994), 1194(1), 185-96
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L1 ANSWER 52 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:320868 CAPLUS
DN 120:320868
TI Evaluation of monoclonal antibodies to HIV-1 envelope by neutralization and binding assays: An international collaboration
AU D'Souza, M. Patricia; Geyer, Sharon J.; Hanson, Carl V.; Hendry, R.

Michael; Milman, Gregory; et al.
CS Natl. Inst. Allergy and Infect. Dis., Natl. Inst. Health, Bethesda, MD,
USA
SO AIDS (London) (1994), 8(2), 169-81
CODEN: AIDSET; ISSN: 0269-9370
DT Journal
LA English

L1 ANSWER 53 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:296672 CAPLUS
DN 120:296672
TI Bispecific immunoadhesins (a chimeric immunoglobulin)
IN Ashkenazi, Avi J.; Chamow, Steven M.
PA Genetech, Inc., USA
SO PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9404690	A1	19940303	WO 1993-US7783	19930817
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 656064	A1	19950607	EP 1993-920182	19930817
	EP 656064	B1	19970305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 08500017	T2	19960109	JP 1993-506516	19930817
	AU 668423	B2	19960502	AU 1993-50801	19930817
	AT 149570	E	19970315	AT 1993-920182	19930817
PRAI	US 1992-931811		19920817		
	WO 1993-US7783		19930817		

L1 ANSWER 54 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:242157 CAPLUS
DN 120:242157
TI Inhibition of TNF by a TNF receptor **immunoadhesin**. Comparison to
an anti-TNF monoclonal antibody
AU Haak-Frendscho, M.; Marsters, S. A.; Mordenti, J.; Brady, S.; Gillett, N.
A.; Chen, S. A.; Ashkenazi, A.
CS Dep. Mol. Biol., Genentech, Inc., South San Francisco, CA, 94090, USA
SO J. Immunol. (1994), 152(3), 1347-53
CODEN: JOIMA3; ISSN: 0022-1767
DT Journal
LA English

L1 ANSWER 55 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:200411 CAPLUS
DN 120:200411
TI Modification of CD4 **Immunoadhesin** with Monomethoxypoly(Ethylene
Glycol) Aldehyde via Reductive Alkylation
AU Chamow, Steven M.; Kogan, Timothy P.; Venuti, Michael; Gadek, Thomas;
Harris, Reed J.; Peers, David H.; Mordenti, Joyce; Shak, Steven;
Ashkenazi, Avi
CS Departments of Process Science, Genentech Inc., South San Francisco, CA,
94080, USA
SO Bioconjugate Chem. (1994), 5(2), 133-40
CODEN: BCCHE3; ISSN: 1043-1802
DT Journal
LA English

L1 ANSWER 56 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1994:189404 CAPLUS
DN 120:189404

TI Inhibition of murine erythroid colony formation in vitro by interferon
.gamma. and correlation by interferon receptor **immunoadhesin**
AU Means, Robert T., Jr.; Krantz, Sanford B.; Marsters, Scot A.; Ashkenazi,
Avi
CS Sch. Med., Vanderbilt Univ., Nashville, TN, USA
SO Blood (1994), 83(4), 911-15
CODEN: BLOOAW; ISSN: 0006-4971
DT Journal
LA English

L1 ANSWER 57 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1993:668617 CAPLUS
DN 119:268617
TI Inhibition of interferon-.gamma. by an interferon-.gamma. receptor
immunoadhesin
AU Haak-Frendscho, M.; Marsters, S. A.; Chamow, S. M.; Peers, D. H.;
Simpson,
N. J.; Ashkenazi, A.
CS Dep. Mol. Biol., Genentech., Inc., South San Francisco, CA, USA
SO Immunology (1993), 79(4), 594-9
CODEN: IMMUAM; ISSN: 0019-2805
DT Journal
LA English

L1 ANSWER 58 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1993:640942 CAPLUS
DN 119:240942
TI Nevirapine synergistically inhibits HIV-1 replication in combination with
zidovudine, interferon or CD4 **immunoadhesin**
AU Koup, Richard A.; Brewster, Frank; Grob, Peter; Sullivan, John L.
CS Med. Sch., Univ. Massachusetts, Worcester, MA, 01605, USA
SO AIDS (London) (1993), 66,(9), 1181-4
CODEN: AIDSET; ISSN: 0269-9370
DT Journal
LA English

L1 ANSWER 59 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1993:579117 CAPLUS
DN 119:179117
TI Human IgE receptor .alpha.-chain IgG chimera blocks passive cutaneous
anaphylaxis reaction in vivo
AU Haak-Frendscho, M.; Ridgway, J.; Shields, R.; Robbins, K.; Gorman, C.;
Jardieu, P.
CS Dep. Immunol., Genentech, Inc., South San Francisco, CA, 94080, USA
SO J. Immunol. (1993), 151(1), 351-8
CODEN: JOIMA3; ISSN: 0022-1767
DT Journal
LA English

L1 ANSWER 60 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1993:557883 CAPLUS
DN 119:157883
TI Location of CD4 dimerization site explains critical role of CDR3-like
region in HIV-1 infection and T-cell activation and implies a model for
complex of coreceptor-MHC
AU Langedijk, Johannes P. M.; Puijk, Wouter C.; van Hoorn, Willem Paul;
Meloan, Rob H.
CS Cent. Vet. Inst., Lelystad, 8200 AB, Neth.
SO J. Biol. Chem. (1993), 268(23), 16875-8
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L1 ANSWER 61 OF 76 CAPLUS COPYRIGHT 1999 ACS
AN 1993:531517 CAPLUS

DN 119:131517
 TI Inhibition of binding of Plasmodium falciparum-infected erythrocytes to CD36 or ICAM-1
 IN Staunton, Donald E.; Springer, Timothy A.; Ockenhouse, Christian F.
 PA Center for Blood Research, USA; United States Dept. of the Army
 SO PCT Int. Appl., 63 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9306849	A1	19930415	WO 1992-US8483	19921005
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	AU 9228612	A1	19930503	AU 1992-28612	19921005
PRAI	US 1991-769625		19911003		
	US 1992-862708		19920403		
	US 1992-899064		19920612		
	WO 1992-US8483		19921005		

L1 ANSWER 62 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:525182 CAPLUS
 DN 119:125182
 TI CD36 immunoadhesins and their use in selectively killing Plasmodium falciparum-infected erythrocytes
 IN Staunton, Donald E.; Springer, Timothy A.
 PA Center for Blood Research, USA
 SO PCT Int. Appl., 69 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9306848	A1	19930415	WO 1992-US8482	19921005
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	AU 9227958	A1	19930503	AU 1992-27958	19921005
PRAI	US 1991-769625		19911003		
	US 1992-862708		19920403		
	US 1992-899061		19920612		
	WO 1992-US8482		19921005		

L1 ANSWER 63 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:493277 CAPLUS
 DN 119:93277
 TI Efficient neutralization and disruption of rhinovirus by chimeric ICAM-1/immunoglobulin molecules
 AU Martin, Stephan; Casasnovas, Jose M.; Staunton, Donald E.; Springer, Timothy A.
 CS Cent. Blood Res., Boston, MA, 02115, USA
 SO J. Virol. (1993), 67(6), 3561-8
 CODEN: JOVIAM; ISSN: 0022-538X
 DT Journal
 LA English

L1 ANSWER 64 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:145871 CAPLUS
 DN 118:145871
 TI CD4 immunoadhesins in anti-HIV therapy: new developments

AU Chamow, Steven M.; Muliege, Anne Marie; Ammann, Art; Kahn, James O.;
 Allen, J. Davis; Schberg, Jorg W.; Byrn, Randal A.; Capon, Daniel J.;
 Ward, Rebecca H. R.; Ashkenazi, Avi
 CS Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Int. J. Cancer, Suppl. (1992), 7(Bispecific Antibodies Targeted Cell
 Cytotoxic), 69-72
 CODEN: IJSUEZ; ISSN: 0898-6924
 DT Journal
 LA English

L1 ANSWER 65 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:57983 CAPLUS
 DN 118:57983

TI The monoclonal CD4 antibody M-T413 inhibits cellular infection with human
 immunodeficiency virus after viral attachment to the cell membrane: an
 approach to postexposure prophylaxis

AU Rieber, E. P.; Federle, C.; Reiter, C.; Krauss, S.; Guertler, L.; Eberle,
 J.; Deinhardt, F.; Riethmueller, G.

CS Inst. Immunol., Univ. Munich, Munich, 8000, Germany
 SO Proc. Natl. Acad. Sci. U. S. A. (1992), 89(22), 10792-6
 CODEN: PNASA6; ISSN: 0027-8424

DT Journal
 LA English

L1 ANSWER 66 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:610526 CAPLUS
 DN 117:210526

TI Soluble intercellular adhesion molecule 1-immunoglobulin G1
immunoadhesin mediates phagocytosis of malaria-infected
 erythrocytes

AU Staunton, Donald E.; Ockenhouse, Christian F.; Springer, Timothy A.
 CS Walter Reed Army Med. Cent., Walter Reed Army Inst. Res., Washington, DC,
 20307, USA

SO J. Exp. Med. (1992), 176(5), 1471-6
 CODEN: JEMEAV; ISSN: 0022-1007

DT Journal
 LA English

L1 ANSWER 67 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:248413 CAPLUS
 DN 116:248413

TI Method for inhibiting the infectivity of human immunodeficiency virus
 IN Celada, Franco

PA Hospital for Joint Diseases, USA
 SO PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9205799	A1	19920416	WO 1991-US6079	19910826
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	CA 2091253	AA	19920329	CA 1991-2091253	19910826
	AU 9186317	A1	19920428	AU 1991-86317	19910826
	AU 653366	B2	19940929		
	EP 550516	A1	19930714	EP 1991-916608	19910826
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
PRAI	US 1990-589722		19900928		
	WO 1991-US6079		19910826		

L1 ANSWER 68 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:192352 CAPLUS
 DN 116:192352

TI Identification of cysteine-rich domains of the type I tumor necrosis
 factor receptor involved in ligand binding
 AU Marsters, Scot A.; Frutkin, Andrew D.; Simpson, Nancy J.; Fendly, Brian
 M.; Ashkenazi, Avi
 CS Dep. Immunobiol., Genentech, Inc., South San Francisco, CA, 94080, USA
 SO J. Biol. Chem. (1992), 267(9), 5747-50
 CODEN: JBCHA3; ISSN: 0021-9258
 DT Journal
 LA English

L1 ANSWER 69 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:19532 CAPLUS
 DN 116:19532
 TI Protection against endotoxic shock by a tumor necrosis factor receptor
immunoadhesin
 AU Ashkenazi, Avi; Marsters, Scot A.; Capon, Daniel J.; Chamow, Steven M.;
 Figari, Irene S.; Pennica, Diana; Goeddel, David V.; Palladino, Michael
 A.; Smith, Douglas H.
 CS Dep. Immunobiol., Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Proc. Natl. Acad. Sci. U. S. A. (1991), 88(23), 10535-9
 CODEN: PNASA6; ISSN: 0027-8424
 DT Journal
 LA English

L1 ANSWER 70 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:19314 CAPLUS
 DN 116:19314
 TI Antiviral effects of CD4 derivatives
 AU Capon, D. J.; Ward, R. H. R.
 CS Genentech Inc., San Francisco, CA, USA
 SO Curr. Opin. Immunol. (1991), 2(3), 433-8
 CODEN: COPIEL; ISSN: 0952-7915
 DT Journal; General Review
 LA English

L1 ANSWER 71 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1991:512552 CAPLUS
 DN 115:112552
 TI Prevention of HIV-1 IIIB infection in chimpanzees by CD4
immunoadhesin
 AU Ward, Rebecca H. R.; Capon, Daniel J.; Jett, Catherine M.; Murthy,
 Krishna
 K.; Mordenti, Joyce; Lucas, Catherine; Frie, Steve W.; Prince, Alfred M.;
 Green, James D.; Eichberg, Jorg W.
 CS Genentech Inc., S. San Francisco, CA, 94080, USA
 SO Nature (London) (1991), 352(6334), 434-6
 CODEN: NATUAS; ISSN: 0028-0836
 DT Journal
 LA English

L1 ANSWER 72 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1991:490402 CAPLUS
 DN 115:90402
 TI Structural characterization of a recombinant CD4-IgG hybrid molecule
 AU Harris, Reed J.; Wagner, Karen L.; Spellman, Michael W.
 CS Dep. Med. Anal. Chem., Genentech, Inc., South San Francisco, CA, USA
 SO Eur. J. Biochem. (1990), 194(2), 611-20
 CODEN: EJBCAI; ISSN: 0014-2956
 DT Journal
 LA English

L1 ANSWER 73 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1990:609496 CAPLUS
 DN 113:209496
 TI CD4 **immunoadhesin**, but not recombinant soluble CD4, blocks

syncytium formation by human immunodeficiency virus type 2-infected lymphoid cells
 AU Sekigawa, Iwao; Chamow, Steven M.; Groopman, Jerome E.; Byrn, Randal A.
 CS Dep. Med., New England Deaconess Hosp., Boston, MA, 02215, USA
 SO J. Virol. (1990), 64(10), 5194-8
 CODEN: JOVIAM; ISSN: 0022-538X
 DT Journal
 LA English

L1 ANSWER 74 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1990:589364 CAPLUS
 DN 113:189364
 TI Enzymic cleavage of a CD4 **immunoadhesin** generates crystallizable, biologically active Fd-like fragments
 AU Chamow, Steven M.; Peers, David H.; Byrn, Randal A.; Mulkerrin, Michael G.; Harris, Reed J.; Wang, Wen Ching; Bjorkman, Pamela J.; Capon, Daniel J.; Ashkenazi, Avi
 CS Dep. Recovery Process Res., Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Biochemistry (1990), 29(42), 9885-91
 CODEN: BICHAW; ISSN: 0006-2960
 DT Journal
 LA English

L1 ANSWER 75 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1990:214867 CAPLUS
 DN 112:214867
 TI Biological properties of a CD4 **immunoadhesin**
 AU Byrn, Randal A.; Mordenti, Joyce; Lucas, Catherine; Smith, Douglas; Marsters, Scot A.; Johnson, Jennifer S.; Cossum, Paul; Chamow, Steven M.; Wurm, Florian M.; et al.
 CS Genetech Inc., South San Francisco, CA, 94080, USA
 SO Nature (London) (1990), 344(6267), 667-70
 CODEN: NATUAS; ISSN: 0028-0836
 DT Journal
 LA English

L1 ANSWER 76 OF 76 CAPLUS COPYRIGHT 1999 ACS
 AN 1989:152362 CAPLUS
 DN 110:152362
 TI Designing CD4 immunoadhesins for AIDS therapy
 AU Capon, Daniel J.; Chamow, Steven M.; Mordenti, Joyce; Marsters, Scot A.; Gregory, Timothy; Mitsuya, Hiroaki; Byrn, Randal A.; Lucas, Catherine; Wurm, Florian M.; et al.
 CS Dep. Mol. Biol., Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Nature (London) (1989), 337(6207), 525-31
 CODEN: NATUAS; ISSN: 0028-0836
 DT Journal
 LA English

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      158 NRG#
      56 "GODOWSKI PAUL J"/AU
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L7  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 1999 ACS
AN  1999:64929  CAPLUS
DN  130:134994
TI  Cloning, neural-specific expression, and function of murine and human
    ErbB4 receptor-specific neuregulin-related ligands
IN  Godowski, Paul J.; Mark, Melanie R.; Zhang, Dong-xiao
PA  Genentech, Inc., USA
SO  PCT Int. Appl., 101 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9902681	A1	19990121	WO 1998-US13411	19980630
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9881734	A1	19990208	AU 1998-81734	19980630
PRAI	US 1997-52019		19970709		
	US 1997-899437		19970724		
	WO 1998-US13411		19980630		

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AB  The invention concerns novel a neuregulin-related ligand (NRG3)
    including fragments and variants thereof, as new members of the
    neuregulin
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family of compds. The invention also concerns methods and means for producing **NRG3**. Novel cDNAs were identified using an expressed sequence tag (GenBank H23651) that encode murine **NRG3** and 2 alternatively spliced forms of human **NRG3** differing in the presence or absence of nucleotide residues 1585-1656 (amino acid residues 529-552). The native polypeptides of the invention are characterized by contg. an extracellular domain including an EGF-like domain, a transmembrane domain and a cytoplasmic domain. The EGF-like domain is distinct from EGF-like domains of **NRG1** and **NRG2**, and the **NRG3** displays distinct receptor binding characteristics relative to other neuregulin-like polypeptides. Northern blot anal. demonstrates that **NRG3** exhibits a neural expression pattern. **NRG3** binds to and activates phosphorylation of the ErbB4 receptor, thereby enhancing cellular proliferation. Isolated nucleotide sequences encoding such polypeptides, expression vectors contg. the nucleotide sequences, recombinant host cells transformed with vectors, and methods for the recombinant prodn. for the novel **NRG3s** are also within the scope of the invention.

TI Neuregulin-3 (**NRG3**): a novel neural tissue-enriched protein that binds and activates ERBB4

AU Zhang, Dongxiao; Sliwkowski, Mark X.; Mark, Melanie; Frantz, Gretchen; Akita, Robert; Sun, Yang; Hillan, Kenneth; Crowley, Craig; Brush, Jennifer; **Godowski, Paul J.**

CS Departments of Molecular Biology, Protein Chemistry, and Pathology, Genentech, Inc., South San Francisco, CA, 94080, USA

SO Proc. Natl. Acad. Sci. U. S. A. (1997), 94(18), 9562-9567
CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

AB We describe the identification of Neuregulin-3 (**NRG3**), a novel protein that is structurally related to the neuregulins (**NRG1**). The **NRG1**/neuregulins are a diverse family of proteins that arise by alternative splicing from a single gene. These proteins play an important role in controlling the growth and differentiation of glial, epithelial, and muscle cells. The biol. effects of **NRG1** are mediated by receptor tyrosine kinases ErbB2, ErbB3, and ErbB4. However, genetic studies have suggested that the activity of ErbB4 may also be regulated in the central nervous system by a ligand distinct from **NRG1**. **NRG3** is predicted to contain an extracellular domain with an epidermal growth factor (EGF) motif, a transmembrane domain, and a large cytoplasmic domain. We show that the EGF-like domain of **NRG3** binds to the extracellular domain of ErbB4 in vitro. Moreover, **NRG3** binds to ErbB4 expressed on cells and stimulates tyrosine phosphorylation of this receptor. The expression of **NRG3** is highly restricted to the developing and adult nervous system. These data suggest that **NRG3** is a novel, neural-enriched ligand for ErbB4.

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=> s immunoglobulin and e7
      24031 IMMUNOGLOBULIN
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L6      1 IMMUNOGLOBULIN AND "GODOWSKI PAUL J"/AU
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L6  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 1999 ACS
AN  1999:286079  CAPLUS
DN  130:294563
TI  New human homologs of the Drosophila Toll gene
IN  Goddard, Audrey; Godowski, Paul J.; Gurney, Austin L.; Mark,
    Melanie R.; Yang, Ruey-Bing
PA  Genentech, Inc., USA
SO  PCT Int. Appl., 79 pp.
    CODEN: PIXXD2
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DT  Patent
LA  English
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FAN.CNT 1
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9920756	A2	19990429	WO 1998-US21141	19981007
	WO 9920756	A3	19990910		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,			

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TM
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	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	AU 9910703	A1 19990510	AU 1999-10703	19981007

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PRAI US 1997-62250 19971017
      US 1997-65311 19971113
      US 1998-83322 19980428
      US 1998-90863 19980626
      US 1998-105413 19980626
      WO 1998-US21141 19981007
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AB  Three new human homologs of the Drosophila Toll gene are identified and
the gene products characterized. CDNAs encoding the human Toll proteins
PRO285, PRO286, and PRO358, are cloned for manuf. of the proteins. At
least one of the proteins is involved in signal transduction and plays a
role in the lipopolysaccharide induction of interleukin 8. The protein
may therefore be a target for the treatment or prophylaxis of septic
shock. The genes were first identified by screening a com. human EST
database for homologs of the Toll protein and the EST sequence used to
design primers and probes to identify the gene.
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